Philips 3000 series
LCD TV with Digital Crystal Clear

42"

Full HD 1080p digital TV

42PFL3604D

Clearly a smart choice

With easy to use and future proof technology

Experience great picture and sound quality with this Full HD 1080p display. So easy to enjoy, with high quality standard, you can be sure that you make the right choice with this Philips Flat TV.

Vivid and razor sharp pictures

- Digital Crystal Clear for detail depth and clarity
- Full HD LCD display, with a 1920x1080p resolution
- 28.9 billion colors for brilliant natural images
- Active Control optimizes picture quality whatever the source

Crisp and Clear sound

- Incredible Surround for enhanced audio enjoyment
- 2x10W RMS audio power

Easy to connect and enjoy

- Enjoy photo and music playback via USB
- 2 HDMI inputs with Easylink for a full HD connection
- PC input (HDMI)
- Smart Picture and Smart Sound to personalize your viewing

Ready for the future

- Integrated Digital Tuner for DVB-T reception

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PHILIPS

sense and simplicity

Highlights

Digital Crystal Clear

Digital Crystal Clear is a package of picture innovations that digitally adjusts and optimizes picture quality to optimal contrast, color and sharpness levels. It's like watching vivid cinema-like images.

Full HD LCD display 1920x1080p

The Full HD screen has the widescreen resolution of 1920 x 1080p. This is the highest resolution of HD sources for the best possible picture quality. It is fully future proof as it supports 1080p signals from all sources, including the most recent like Blu-ray and advanced HD game consoles. The signal processing is extensively upgraded to support this much higher signal quality and resolution. It produces brilliant flicker-free progressive scan pictures with superb brightness and colors.

28.9 billion colors

Vibrant and natural images from most advanced color processing. The 3 color channels (RGB) are optimized using 10 bit resolution, a total processing power of 28.9 billion colors. It produces vibrant colors while retaining excellent sharpness. The advanced algorithms detect subtle color shades , skin tones and processes these to give most natural colors.

Incredible Surround

Incredible Surround is an audio technology from Philips that dramatically magnifies the sound field to immerse you in the audio. Using state-of-the-art electronic phase shifting, Incredible Surround mixes sounds from left and right in such a way that it expands the virtual distance between the two speakers. This wider spread greatly enhances the stereo effect and creates a more natural sound dimension. Incredible Surround allows you to experience total surround with greater depth and width of sound, without the use of additional speakers.

USB for photo & music playback

The USB connector allows access to jpeg photos and mp3 music of most USB-sticks (USB memory-class device). Plug the USB into the slot at the side of the TV and access your photos or music files using the easy on screen content browser. You can now easily view and share your photos and music.

2 HDMI inputs with EasyLink

EasyLink uses the HDMI CEC industry standard protocol to share functionality between connected devices and the TV. With Easylink only one remote control is needed to operate main functionalities on your TV and connected devices. HDMI makes an uncompressed digital RGB connection from the source to the screen for the ultimate picture quality. HDMI uses HDCP copy protection. With 1 HDMI input on the back and 1 HDMI on the side of the TV you can connect multiple HD sources, for instance an HD settop box, a Blu-ray player, and Game Console or Digital Camcorder.

PC input (HDMI)

With PC input you can use your TV as a PC monitor via a HDMI-DVI cable/converter.

Integrated Digital DVB-T tuner

The integrated Digital DVB-T tuner lets you receive digital cable and terrestrial TV without an additional set top box. Enjoy quality TV clutter free.

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ECO Flower

Over the last 10 years we have worked hard to lower our environmental impact and will continue to do so. Our eco-design process aims to create Philips televisions that are increasingly eco-friendly and that have significantly less impact on the environment. Philips has been awarded the EU ECO label (the flower) on the majority of its models because of the televisions' high energy efficiency, ultra low standby powers (up to 50% less than the required EU ECO label level), absence of hazardous substances (e.g. lead) and that Philips has designed televisions that can be easily recycled.

Digital CrystalClear · Full HD 1080p · HD ready 1080p · 28.9 billion colors · Incredible Surround · HDMI 2x with easyLINK · USB · TV PC-IN · DVB T TERRESTRIAL

LCD TV with Digital Crystal Clear
42" Full HD 1080p digital TV

42PFL3604D/12

Specifications

Picture/Display
- Aspect ratio: Widescreen
- Brightness: 500 cd/m²
- Dynamic screen contrast: 30,000:1
- Response time (typical): 5 ms
- Viewing angle: 178° (H) / 178° (V)
- Diagonal screen size: 42 inch / 107 cm
- Display screen type: LCD WXGA+ Active Matrix TFT
- Panel resolution: 1920x1080p
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, 3D MA deinterlacing, Active Control, Color Enhancement, Color Transient Improvement, Digital Crystal Clear, Digital Noise Reduction, Dynamic contrast enhancement, Luminance Transient Improver, Progressive Scan, Sharpness Adjustment, Automatic skin tone correction, 1080p 24/25/30Hz processing, 1080p 50/60Hz processing
- Screen enhancement: Semi-glare

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
640 x 480	60Hz
800 x 600	60Hz
1024 x 768	60Hz
1280 x 720	60Hz
1280 x 768	60Hz
1280 x 1024	60Hz
1360 x 768	60Hz
1440 x 900	60 Hz
1680 x 1050	50Hz, 60Hz
Via HDMI/DVI input	

- Video formats

Resolution	Refresh rate
480i	60Hz
480p	60Hz
576i	50Hz
576p	50Hz
720p	50, 60Hz
1080i	50, 60Hz
1080p	24, 50, 60Hz
1080p	24, 25, 30, 50, 60Hz

Sound
- Output power (RMS): 2 x 10W
- Sound Enhancement: Auto Volume Leveller, Incredible Surround, Smart Sound
- Sound System: Nicam Stereo

Convenience
- Child Protection: Child Lock+Parental Control
- Clock: Sleep Timer, Wake up Clock, Wake Up Timer
- Connection Enhancement: Easy link
- Ease of Installation: Auto Program Naming, Automatic Channel Install(ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, PLL Digital Tuning, Plug & Play
- Ease of Use: Auto Volume Leveller (AVL), Graphical User Interface, On Screen Display, Settings assistant Wizard, Side Control
- Electronic Program Guide: Now + Next EPG, 8day Electronic Program Guide*
- Remote Control: TV
- Remote control type: RCPF01EO9B
- Screen Format Adjustments: 4:3, Auto Format, Movie expand 14:9, Movie expand 16:9, Subtitle Zoom, Super Zoom, Widescreen
- Teletext: 1000 page Hypertext
- Teletext enhancements: Fast text, Program information Line
- Smart mode: Game, Movie, Personal, Energy saving, Standard, Vivid

Multimedia Applications
- Multimedia connections: USB
- Playback Formats: MP3, Slideshow files (.alb), JPEG Still pictures

Tuner/Reception/Transmission
- Aerial Input: 75 ohm coaxial (IEC75)
- TV system: PAL I, PAL B/G, SECAM B/G, SECAM L/L', DVB COFDM 2K/8K
- Video Playback: NTSC, SECAM, PAL
- DVB: DVB Terrestrial *
- Tuner bands: Hyperband, S-Channel, UHF, VHF

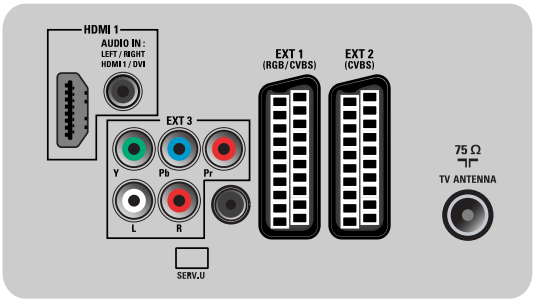
Connectivity
- Ext 1 Scart: Audio L/R, RGB
- Ext 2 Scart: Audio L/R
- Number of Scarts: 2
- Ext 3: YPbPr, Audio L/R in
- Front / Side connections: HDMI v1.3, CVBS in, Audio L/R in, USB 2.0
- Audio Output - Digital: Coaxial (cinch)
- Other connections: S/PDIF out (coaxial), Common Interface
- HDMI 1: HDMI v1.3
- EasyLink (HDMI-CEC): One touch play, EasyLink, System standby

Power
- Ambient temperature: 5 °C to 40 °C
- Mains power: 220-240V, 50Hz
- Power consumption (typical): 125 W
- Power consumption: 195 W
- Standby power consumption: 0.30 W

Dimensions
- Set dimensions (W x H x D): 1026 x 667.4 x 82.4 mm
- Set dimensions with stand (W x H x D): 1026 x 727.4 x 261.5 mm
- Product weight: 17.38 kg
- Product weight (+stand): 19.5 kg
- Box dimensions (W x H x D): 1170 x 787 x 260 mm
- Color cabinet: High gloss black deco front black cabinet
- VESA wall mount compatible: 200 x 200 mm

Accessories
- Included Accessories: Table top stand, Power cord, Quick start guide, User Manual, Warranty certificate, Remote Control, 2 x AAA Batteries, Software declaration

Rear connectors



Side

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